Transient upregulation of IRF1 during the exit from naive pluripotency confers viral protection

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Appendix

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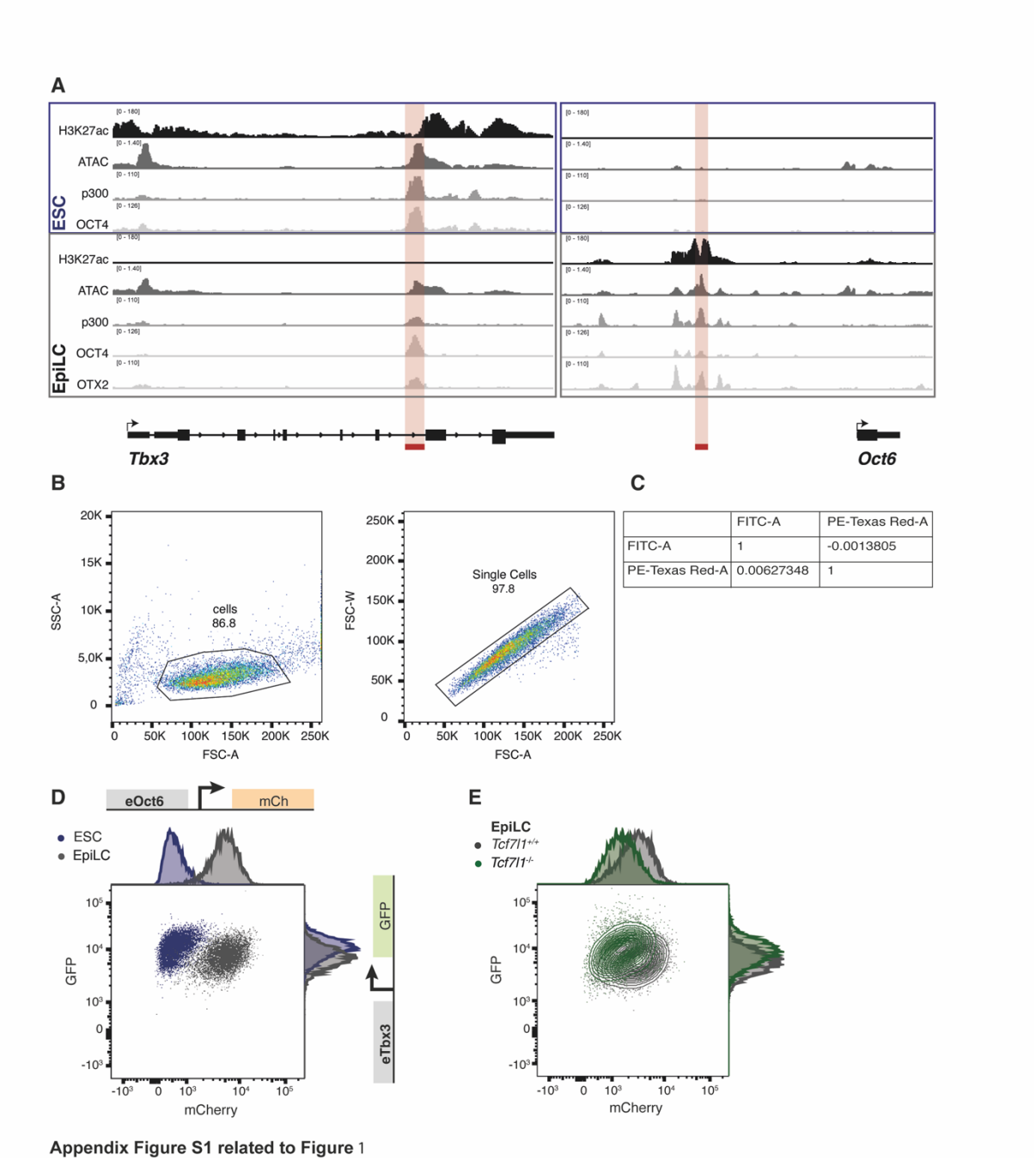
Appendix Figure S2 3



	FITC-A	PE-Texas Red-A
FITC-A	1	-0.0013805
PE-Texas Red-A	0.00627348	1

Appendix Figure S1 related to Figure 1

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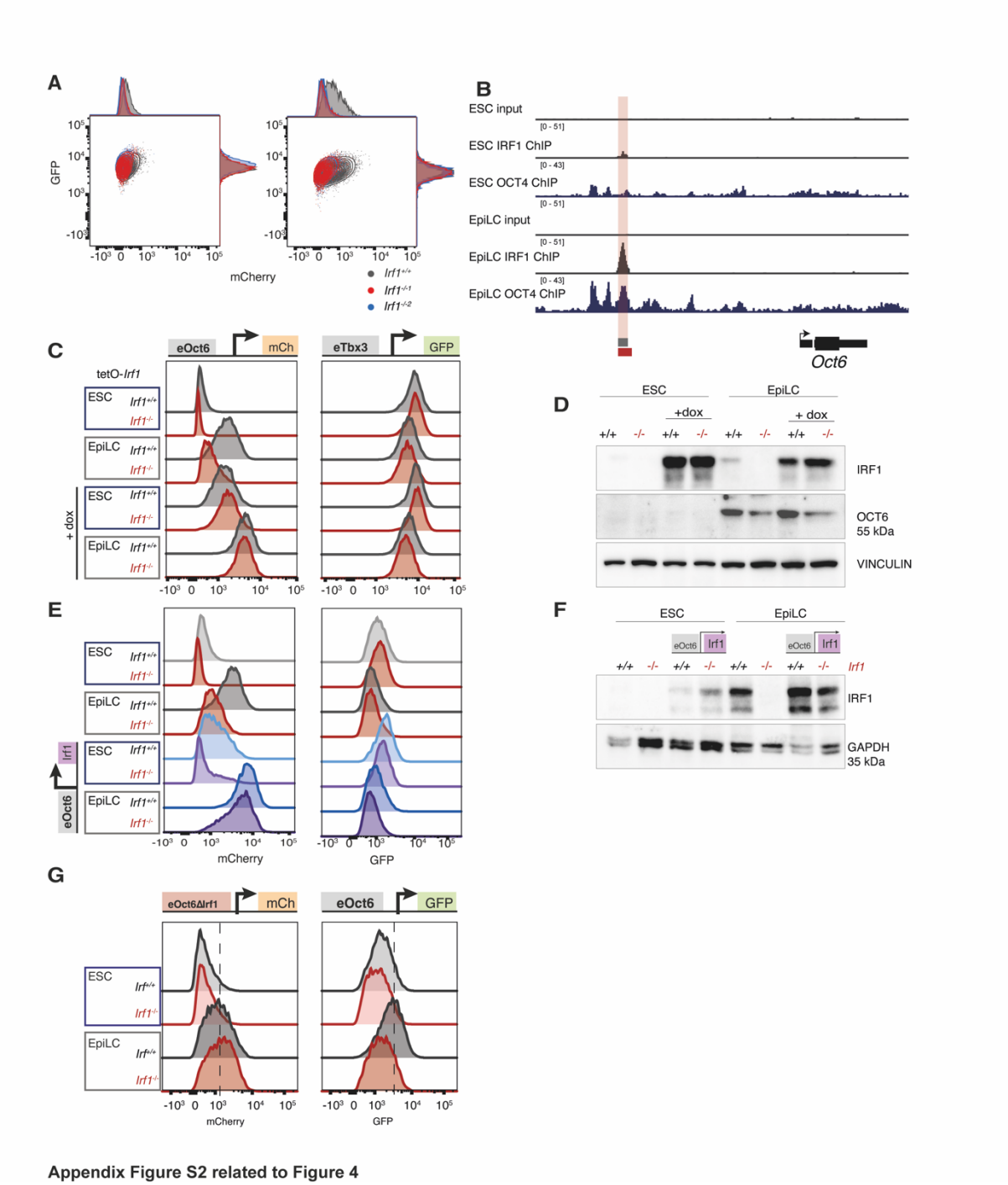
A Chromatin context of *Tbx3* and *Oct6* loci in ESC and EpiLC. Enhancer regions used as reporters are indicated by red boxes. ChIP data was generated by Buecker et al. 2014.
B Example gating strategy for FACS analysis of screening cell lines.
C Compensation matrix for the used fluorescent reporter constructs, eTbx3-GFP measured in FITC-A, eOtc6-mCherry measured in PE-Texas-Red channels.
D Representative flow cytometry profiles of reporter cell lines in ESC and differentiated to EpiLC conditions.
E Representative flow cytometry profiles of reporter cell lines in EpiLC condition, *Tcf7l1*$^{+/+}$ and *Tcf7l1*$^{-/-}$.



Appendix Figure S2 related to Figure 4

Appendix Figure S2 related to Figure 4

A Representative flow cytometry profiles of reporter cell lines in ESC and EpiLC conditions, *Irf1*$^{+/+}$ and *Irf1*$^{-/-}$. Shown are two independent cell lines.

B Chromatin context of *eOct6* locus, with a called IRF1 peak highlighted. IRF1 ChIP-seq tracks and OCT4 ChIP-seq tracks for ESC and EpiLCs are shown. The *eOct6* region used as reporter is marked with the lower red box. OCT4 ChIP-Seq data from Buecker et al., 2014.

C Representative flow cytometry profiles of reporter cell lines in ESC and EpiLC condition, *Irf1*$^{+/+}$ and *Irf1*$^{-/-}$ and doxycycline-induced IRF1 expression.

D Western Blot analysis of doxycycline-induced IRF1 expression in *Irf1*$^{+/+}$ and *Irf1*$^{-/-}$ background, in ESC and EpiLC cells, probed with antibodies against IRF1, OCT6 and GAPDH as loading control.

E Representative flow cytometry profiles of reporter cell lines in ESC and EpiLC condition, *Irf1*$^{+/+}$ and *Irf1*$^{-/-}$ and ectopic IRF1 expression driven by the *eOct6* enhancer.
F Western Blot analysis of ectopic IRF1 expression in Irf1$^{+/+}$ and Irf1$^{-/-}$ background, in ESC and EpiLC cells, probed with antibodies against IRF1 and GAPDH as loading control.
G Representative flow cytometry profiles of ESC and EpiLC cells, *Irf1*$^{+/+}$ and *Irf1*$^{-/-}$ with *eOct6ΔIrf* and *eOct6* controlling mCherry and GFP, respectively.

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